**Priya G**

**Full Stack Sr .NET Developer**

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**SUMMARY:**

* **Over 10 Years** of experience as **.NET developer**, involved in all phases of software development life cycle (SDLC) like Analysis, design, coding, testing, implementation and deployment.
* Extensive working experience with Web technologies like **JavaScript, HTML, HTML5, XHTML, DHTML, and XML**
* Extensive working experience with different methodologies like **Agile Software Development** process using **SCRUM,** **Test-Driven Development** and **Waterfall model.**
* Implemented client-side Interface using **React JS**. Build stable **React** components and stand-alone functions to be added to any future pages. Used **React-Router** to turn application into **Single Page Application.**
* Experience in developing **Microservices** using **ASP.NET core**
* Excellent Debugging Skills, Error handling, Exception management, tracing, troubleshooting and logging features.
* Experience with GitHub in building few files and experience in Design and Development of **GUI using C# using Win Forms and Windows Azure.**
* Implemented **.NET security** features such as Authentication and Authorization using Windows Authentication, Forms Authentication and Passport Authentications.
* Experience on A**PI** using **WCF service** and **Restful WEB API** for **AngularJS** and **HTML5** based **user interface.**
* Good team player with excellent technical knowledge and communication skills.
* Highly motivated and determined with distinctive work ethics.

**Education Details:**

Bachelor of Technology in Computer Science-JNTUH **Aug’11-May’15**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Language  | C#, Visual Basic, NET, SQL, C++ |
| Web Technologies | Ajax, ASP.Net, .Net core , JavaScript, Web Forms, SOA, Web Services, AJAX toolkit, HTML5, DHTML, CSS3, Angular JS, ReactJS, NodeJS, BackboneJS, POWERSHELL, XML, XSL and XSLT. |
| Microsoft Technologies  | ASP.NET MVC5, ASP, LINQ, Entity Framework, Prism 4.0 Framework for WPF, WCF, Windows Service, MSMQ, Azure, SSIS and SSRS |
| Databases | MS SQL Server, Postgre4,Aurora,Dynamo,DocDB |
| Scripting  | JQuery, JavaScript |
| Development Tools | MS Visio, MS Visual Studio, SQL Server Management Studio, TOAD. |
| Methodologies | Agile, Scrum, Waterfall |
| Industries | Airline, Consumer electronics, Government, Postal service |
| Deployment tools | Jenkins, CARA, Gitlab, Teamcity |
| Version Control Tools |  TDD, TFS, SVN, Visual SourceSafe, GIT. |

**Professional Experience**

**Client: United Airlines, IL Jan’22– Present**

**Role: Full Stack Sr. NET Developer**

**Description**: Goal of the project is to capture all the data of the each PNR created on the Shares along with the updates made to the PNR, Dividing the PNR, Group Travel, UMNR Travel and make sure Customer’s are eligible for all the necessary travel’s and restrict them when the criteria is not met as per the needs.

**Responsibilities:**

* Develop on the .net6 project with multiple microservices at the backend along with the background and hosted services.
* Develop on Kafka integration to our services and acted as a consumer. Interacted with Producer to make sure connection is established and messages flowing in correct topic.
* Once all the messages are received, we consume all the messages in the topic process them.
* Logs related to the Kafka consumer and processing will be captured in Datadog.
* Created S3 bucket for the lambda functions for the Archive and purge to capture all the history and current date of the SSR’s.
* Every endpoint within the service is authorized with DP credentials for the necessary timeout’s.
* Designed an ideal approach for data movement from different sources to HDFS through Apache/Confluent Kafka.
* Proxys and sample file are executed to connect to the AWS store to get the secrets from the secret’s manager.
* Setup and Managing windows servers on AWS using EC2,EKS,EBS and IAM.
* All the image operations were done using .NET based AWS SDK
* Designed and Developed Master and Content Pages Web Forms using ASP.Net Server Controls and C# .Net as code-behind
* Developed .Net Core web API based on the requirements and specifications.
* Used TFS Team Foundation Server as a central repository.
* Developed the classes, multi-threaded using C#, which incorporates N-tier architecture and database connectivity.
* Designed Frontend within object-oriented JavaScript Framework like Angular.JS.
* Improved UI using Angular Material, Bootstrap and Priming.
* Created reuseable components, custom modules, Custom directives and pipes in Angular.
* Leveraged MVC design pattern to organize Angular Components.
* Working with production support team on the P1’s and P2’s with the integrated time frame to debug through an issue and fix them on time and send it back to prod as a hotfix.
* Experience in assigning the **azure**services on locations specific to integrate with web-apps and key-vaults
* Created Azure services using ARM templates (JSON) and ensured no changes in the present infrastructure.
* Developed Database including schema design, stored procedures, views, Triggers and ensuring set up relations which included indexing for DOCDB and MONGODB.
* Worked on creating documents in MONGODB.
* Design and implement CI/CD pipelines for Kubernetes applications.
* Automate deployment and scaling of Kubernetes clusters and applications.
* Use of Azure Devops to keep track of bugs to reduce downtime, increase productivity, and Communication.
* Performed builds using CICD pipeline through Teamcity.
* Develop on Defects/Bug fixes as per weekly Sprint Planning.
* Working in **Agile Methodologies** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.

**Environment:** ASP.NET, .NET Framework 4.5, Silver Light, WCF, WPF, XAML, MVC, XML, LINQ, MongoDB, DocDB, Java Script, Xml- Schema, SQL Server 2008 R2, SSIS, SSRS Windows Server 2008, Angular.js, REST web services, Scrum and Agile Methodologies

**Client: TJX Companies, MA Feb’21 -Jan’22**

**Role: Senior Dot net Developer**

**Description:** Working with business user’s on PO creation’s, updating PO status, Push them through the draft to complete the PO. Using the Po Builder screen User’s create Various type’s on PO’s with all necessary data. All the transaction’s go from NS to ATG system which flow’s in to WMS with the Integration layer.

**Responsibilities:**

* Coding activities include developing tools to speed remediation of recurring issues, and potentially, remediation of the issues in the specific application if the root cause falls within the specific team to which the person is assigned.
* Collaborated with stake holders to develop technology roadmaps for improving API performance.
* Enhanced application performance by Angular component based development in view of future Angular Framework transitions.
* Implemented Angular Router to enable navigation from one view to the next as customer performs application tasks.
* Performed validations on web forms using .Net validation controls and Client side validation using Angular.
* Headed the development and maintenance new API’s for integrating them with client’s website.
* Converted .NET application to Microsoft Azure Cloud Service as part of cloud deployment.
* Implement the tasks which include developing user controls, writing functions in JavaScript, Creating CSS.
* Develop webpages using Razor View EngineandMVC. Used GIT as a source control before we switched to Team Foundation Server (TFS) for version control of the source code along with the maintenance of the builds and the relevant documents of the same.
* Used third Party API’s to map them with the payment services and for marketing usage.
* Configure API’s, Proxy endpoints, API portals and API analytics based on technical specifications.
* Develop on security updates and issues found with Vue.js and all project dependencies
* Performed builds in Jenkins using CARA packages which are uploaded to the server.
* Develop and Maintain the SDL Tridion sp1 CMS sites.
* Strong understanding of SDL Tridion CMS architecture and admin of various versions.
* Create CI/CD pipeline for several API’s and deployed them to AWS.
* Develop various types of indexes on different collection and choosing shared key based on requirement in MONGODB.
* Deployed and managed MongoDB clusters.
* Created docker images in helm charts and promoted builds through Teamcity. Status is tracked through Azure Devops.
* Worked in the identity team to improve the user experience.

**Environment:** ASP.Net 4.0, kafka, AJAX, Windows Services, Entity Frame Work 4.0, MVC 4.0, .NET Frame Work 4.0, Visual Studio 2010, C# 4.0, ADO.Net, IIS 7.0, XML, HTML, HTTP Handlers, CSS, WCF, Razor view Engine, Web Forms, Agile, n-Tier, JQuery, SqlServer.

## Client: UPS, MD June’20 -Dec’20

**Role: Full Stack Sr. NET Developer**

**Description:** Working with and supporting several Next Generation DIAD development teams to ensure work can be completed before critical project commit dates. This is part of the DIAD 6 project.  Working with the development teams as they diagnose and resolve critical end of day production issues as they occur in field test sites.  Provide production support to field test sites, diagnosing issues, remediating those issues to resolve the immediate production issue, and follow up with root cause analysis and reporting that back to the responsible team leads

**Responsibilities:**

* Designed and developed enhanced and rich web pages using C#, MVC 4.0, Entity Framework, Bootstrap, HTML, CSS, Typescript, and Angular JS.
* Used **C#** as Programming language to develop code behind business logic.
* Implemented sealed, abstract classes, classes and interfaces to construct the business and data tier using Entity Framework and C#.
* Experience in developing Microservices using ASP.NET core.
* Developed webpages using Razor View EngineandMVC.
* Worked with Web Services, ASP.NET Web Forms and State Management, Caching features, securing the web application and configuring optimizations**.**
* Knowledge of Service API frameworks like loopback.io or express.
* Worked on Azure cloud services and clous-based API services.
* Developed windows services for the automation of business processes and email the log reports to the administrator.
* Used Secured features of .NET such as Authentication & Authorization, Authorizing Users, Forms-based Authentication, User Account Impersonation, Roles and tracing.
* Made use of Several .NETAJAX controls to render the content dynamically on Webpages which are developed using C#.
* Converted .Net application to Microsoft Azure Cloud Service as part of cloud deployment.
* Used Various jQuery and Bootstrap plugins like date picker.
* Implemented Drag and Drop functionality using React-Draggable
* Experience with API/Micro-services/streaming architecture.
* Extensively worked with MVC Architecture and used features like Directives, Views, Scope, Modules, Dependency Injection, Factories, Modules, and Services & Controllers.
* Used TFS and GIT as a central repository.

**Environment:** ASP.Net 4.0, Typescript Angular 2, AJAX, Windows Services, Entity Frame Work 4.0, MVC 4.0, .NET Frame Work 4.0, Visual Studio 2010, C# 4.0, ADO.Net, IIS 7.0, XML, HTML, HTTP Handlers, CSS, WCF, Razor view Engine, Web Forms, Agile, n-Tier, JQuery, SQLSERVER2008, SMTP, Windows7, T-SQL.

**Client: United Airlines, IL Oct’17– April’20**

**Role: Full Stack Sr. NET Developer**

**Description:** over 200 airline related data including flight plan, Real time position date, Air traffic management data, schedule data, airline custom data is transferred to our internal server using interface. Data is converted to consistent internal binary format for efficient storage and data transfer. The data will get displayed on flight explorer aircraft situation displays unit and used for air traffic route.

**Responsibilities:**

* Developed React.js for creating interactive UI's using One-way data flow, React Native concepts.
* Experience in using React JS components, Forms, Events, Keys and Flux concept.
* With the concept of **ReactJs** Worked on usage metrics and also end to end events tracing for analysis purpose.
* Designed and developed rich and enhanced web applications using MVC 5.0, C#, Entity Framework, JSON, HTML 5, CSS 3, AngularJS, Backbone.JS and JQuery for different page modernization in Agile/Scrum methodology.
* Designed and Developed Master and Content Pages Web Forms using ASP.Net Server Controls and C# .Net as code-behind
* Developed .Net Core web API based on the requirements and specifications.
* Used AJAX to improve the performance of the web pages and to display the data on frequently visited pages.
* Used LINQ for data retrieving, querying, storage and manipulation interface screens developed using ASP.Net.
* Used TFS Team Foundation Server as a central repository.
* Developed the classes, multi-threaded using C#, which incorporates N-tier architecture and database connectivity.
* Designed, modelled and architected enterprise n-tier software agent using Windows Communication Foundation (WCF) service hosted in a Windows service to support Distributed computing.
* Designed Frontend within object-oriented JavaScript Framework like Angular.JS.
* Extensively worked on MVC, PRISM and MVVM design patterns.
* Created Win forms for the user interface of the application.
* Worked on Kafka integration to our services and acted as a consumer. Interacted with Producer to make sure connection is established and messages flowing in correct topic.
* Experience in assigning the **azure**services on locations specific to integrate with web-apps and key-vaults
* Created Azure services using ARM templates (JSON) and ensured no changes in the present infrastructure.
* Used GIT as a source control before we switched to Team Foundation Server (TFS) for version control of the source code along with the maintenance of the builds and the relevant documents of the same
* Developed Database including schema design, stored procedures, views, Triggers and ensuring set up relations which included indexing, constraints, foreign keys etc., for SQL server 2012 and 2014.
* Used JIRA to keep track of bugs to reduce downtime, increase productivity, and Communication.
* Worked on Defects/Bug fixes as per weekly Sprint Planning.
* Working in **Agile Methodologies** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.

**Environment:** ASP.NET, .NET Framework 4.5, Silver Light, WCF, WPF, XAML, MVC, XML, LINQ, MongoDB, Java Script, React, HTML, CSS, Xml- Schema, SQL Server 2008 R2, SSIS, SSRS Windows Server 2008, Angular.js, REST web services, Scrum and Agile Methodologies

**Client: Bose, Stow, MA Aug’16- Sep’17**

**Role: Full Stack Sr. NET Developer**

**Description:** Bose is an American Multinational Consumer electronics corporation. Service Delivery is a reengineering project where the data from another part of database is being transformed to the new database. It includes maintaining leverage accounts. It involves designing interfaces for Annuity reminder case handling for commission reversals, pulling out information out of the database without hurting the sensitive information and without creating duplicate cases for the existing accounts in the production environment

**Responsibilities:**

* Using advanced level of HTML, XML, XAML, XHTML, AJAX, JSON, JQuery, JavaScript, Backbone.JS, CSS and pure CSS layouts
* Used Model-View-Control (MVC) software architecture in web applications to view the html.
* Designed, modelled and architected enterprise n-tier software agent using Windows Communication Foundation (WCF) service hosted in a Windows service to support Distributed computing.
* Configured Windows Communication Foundation (WCF) and windows presentation foundation (WPF) service to authenticate clients with Windows credentials for intranet applications for login validations.
* Extensive use of MVVM (MVC) and WPF for a unified user interface.
* Involved in migrating legacy applications to WPF and Win Forms.
* Develop WPF UI for the GenPlus product using VB.Net.
* Used VB.NET to write all the middle business layer logic.
* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in SQL Server using T-SQL.
* Involved in testing of application by Unit Testing, Integration Testing, User Acceptance Testing (UAT) and End User Support.
* Designed and Developed Business layer components using C# and Web Services
* Used Crystal Report for report generation.

**Environment:** ASP.NET, .NET Framework 4.5, Silverlight, WCF, WPF, XAML, MVC, XML, LINQ, HTML, CSS, Xml- Schema, SQL Server 2008 R2, SSIS, SSRS Windows Server 2008, REST web services, Scrum and Agile Methodologies.

**Client: NC DOT, Raleigh -NC July’15 – Aug’16**

**ROLE: Sr.Net Developer**

**SRMU.CARS (Citizen Action Request System) - State of NC:**

**Description:** SRMU.CARS application tracks reports of road obstructions, maintenance needs, or other issues pertinent to Department of transportation. These reports are primarily initiated when a NC citizen contacts a division maintenance engineer via the Contact Us application but can also be initiated via phone or email. This application is both a public Internet and internal Intranet accessible web-based system.

**Responsibilities:**

* Involved in migration of SD Dashboard, and gathering requirements, enhancing the existing business logic to meet client requirements and extensively involved in developing quality and performance-based application.
* Extensively worked with MVC design patterns
* Designed Master Pages and used HTML, CSS and JavaScript, to develop and implement a user-friendly UI design for the presentation and provided web security for the application (providing authentication and authorization).
* Used React.js to design to make the process of building modular, reusable user interface components simple and intuitive.
* Used React JS fully to transude components, replacing them with new content.
* Used ADO.NET Entity framework for communication between application and database.
* Involved working on database scripts, Stored Procedures, Views, Indexes using SQL to extract health group Information.
* Experience developing Facets extensions for Health Care Payer.
* Developed Perl scripts to automate frequent reports for the users.
* Data access layer used entity framework ORM for data-oriented health care claims software application. Used LINQ in DAL layer to pull relational data from the database.
* Strong experience with XML SQL PERL and shell scripting
* Created database tables from classes using entity framework and made the application data centric.
* Designed Custom Web Control in the form of Composite and Derived Controls.
* Designed and Implemented healthcare association User Interface Layer using ASP.NET Web Forms.
* Implemented WCF services as one of the application layers.
* Developed and deployed back-end services to Azure clouds to support mobile applications
* Updating the instance counts in the production for the services of Red box in the Production Azure Subscription
* Performed unit testing, functional testing, regression testing, white box testing, black box testing and so on to satisfy the technical specifications based on Functional Requirement Specification document.
* Developed applications using AngularJS-Bootstrap like Grids, Toolbars, Panels, Combo-Box and Button etc.
* Worked with QA team in testing and fixing bugs which are reported in ALM software.

**Environment:** NET 4.0, C, MVC 4.0, CSS, ASP.NET 2010, WCF, SOAP, IIS 7.0, XML, HTML5, REST API, Angular JS, LINQ-to-SQL, Enterprise library, T-SQL, LabVIEW, Oracle 10g, PL/SQL, SQL Server 2008 R2, and SVN subversion, Windows SharePoint services 3.0.

**Client: ICICI Prudential Life Insurance, Mumbai, India April’14-June’15**

**Role: .NET Developer**

**Description**: Worked as an intern at ICICI Prudential Life Insurance Company Ltd. is a life insurance company based in India. A leading international financial services group headquartered in the United Kingdom. The project involved creating a web-based application that allows customers to open the account online, maintain the account online, and transfer all account system to online portfolio management system. Customers can open the account using this application through Internet, transfer the funds between different accounts, and check their balances.

**Responsibilities:**

* Requirements understanding, validating and realizing them to design documents and in turn will be converted to software components.
* Involved in the full life cycle of this project (Analysis, Design, Implementation and Testing).
* Designed and studied the use case diagrams to gather functional requirements. During the design phase participated in discussions with the client regarding system requirements and contributed for the preparation of flow document.
* Worked on N-tier architecture consisting Presentation, Business, Entity and Data Access Layers.
* Involved in POC (Proof of Concept) phase for design WCF service for connecting frontend interface and backend database and redesign SQL server database.
* Designed/Developed Desktop Application using WPF, XAML, and Expression blend.
* Used LINQ, WPF to communicate between DAL and other business components.
* Designed and developed SSIS packages to extract data from flat files.
* Experienced in the use of agile approaches, including Extreme Programming, Test-Driven Development and Scrum.
* Designed and developed xml web services for distributed architecture.
* Interacted with the quality assurance, customer support and operations technicians to troubleshoot all application level issues.
* Working with version controller Team Foundation Server (TFS) for maintaining history of source-code and project documents.

**Environment:** C#. Net.ASP. NET (3.5), Visual Studio 2005, ADO.NET, Windows Services, Web-Services, JavaScript, VBScript, XML, XSD, HTML, DHTML, SQL Server2005, IIS 6.0, Team Foundation Server (TFS), CSS.